

Form PEO-146 Modified <small>PATENT & TRADEMARK OFFICE</small>		Docket No. UPAP-0350	Serial No. 09/485,421
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Mahalingam et al.	
U.S. Department of Commerce Patent and Trademark Office		Filing Date October 5, 2000	Group 1634
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
<i>JL</i>	AA	Di Marzio, et al., "Mutational Analysis of Cell Cycle Arrest, Nuclear Localization and Virion Packaging of Human Immunodeficiency Virus Type 1 Vpr," <i>Journal of Virology</i> , 1995 , 69, 7909-7916.	
	AB	Fisher et al., "A molecular clone of HTLV-III with biological activity," <i>Nature</i> , 1985 , 316, 262-265.	
	AC	Fletcher et al., "Nuclear import and cell cycle arrest functions of the HIV-1 Vpr protein are encoded by two separate genes in HIV-2/SIV _{SM} ," <i>The EMBO Journal</i> , 1996 , 15, 6155-6165.	
	AD	He, et al., "Human Immunodeficiency Virus Type 1 Viral Protein R (Vpr) Arrests Cells in the G ₂ Phase of the Cell Cycle by Inhibiting p34 ^{cdc2} Activity," <i>Journal of Virology</i> , 1995 , 6705-6711.	
	AE	Heinzinger, et al., "The Vpr protein of human immunodeficiency virus type 1 influences nuclear localization of viral nucleic acids in nondividing host cells," <i>Proc. Natl. Acad. Sci. USA</i> , 1994 , 91, 7311-7315.	
	AF	Kneller, et al., "Improvements in Protein Secondary Structure Prediction by An Enhanced Neural Network," <i>J. Mol. Biol.</i> , 1990 , 214, 171-182.	
	AG	Lu, et al., "Human Immunodeficiency Virus Type 1 Viral Protein R Localization in Infected Cells and Virions," <i>Journal of Virology</i> , 1993 , 67, 6542-6550.	
	AH	Macreadie, et al., "A domain of human immunodeficiency virus type 1 Vpr containing repeated H(S/F)RIG amino acid motifs causes cell growth arrest and structural defects," <i>Proc. Natl. Acad. Sci. USA</i> , 1995 , 92, 2770-2774.	
<i>JL</i>	AI	Mahalingam, et al., "The Carboxy-Terminal Domain is Essential for Stability and Not for Virion Incorporation of HIV-1 Vpr into Virus Particles," <i>Virology</i> , 1995 , 214, 647-652.	
EXAMINER	<i>Jean L.</i>		DATE CONSIDERED <i>10/12/01</i>

Form PTO-1449 Modified			Docket No. UPAP-0350	Serial No. 09/485,421
<p>List of Patent and Publications Cited by Applicant (Use several sheets if necessary)</p> <p>DEC 14 2000 O I P E L C 1 U. S. Department of Commerce Patent and Trademark Office</p>			Applicant Mahalingam, et al.	
			Filing Date October 5, 2000	Group 1634
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)				
<i>J</i>	AJ	Ratner, et al., "Complete nucleotide sequence of the AIDS virus, HTLV-III," <i>Nature</i> , 1985 , 313, 277-284.		
	AK	Ratner, et al., "Complete Nucleotide Sequences of Functional Clones of the AIDS Virus," <i>AIDS Research and Human Retroviruses</i> , 1987 , 3, 57-69.		
	AL	Refaeli, et al., "The glucocorticoid receptor type II complex is a target of the HIV-1 vpr gene product," <i>Proc. Natl. Acad. Sci. USA</i> , 1995 , 92, 3621-3625.		
	AM	Starreich, et al., "Characterization of Long Terminal Repeat Sequences of HTLV-III," <i>Science</i> , 227 , 538-540.		
	AN	Yao, et al., "Mutagenic Analysis of Human Immunodeficiency Virus Type 1 Vpr: Role of a Predicted N-Terminal Alpha-Helical Structure in Vpr Nuclear Localization and Virion Incorporation," <i>Journal of Virology</i> , 1995 , 69, 7032-7044.		
<i>J</i>	AO	Zhao, et al. "Biochemical Mechanism of HIV-1 Vpr Function." <i>J. of Biological Chemistry</i> , 1994 , 269, 15577-15582.		
EXAMINER <i>J. Jan L.</i>		DATE CONSIDERED <i>10/12/01</i>		

Form PTO-1449 Modified		Docket No. UPAP-0350	Serial No. 09/485,421
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Mahalingam et al.	
 DEC 14 2000 U.S. Department of Commerce Patent and Trademark Office		Filing Date October 5, 2000	Group 1634

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>J</i>	AP	4,235,871	11/25/1980	Papahadjopoulos et al.	424	19
<i>J</i>	AQ	4,241,046	12/23/1980	Papahadjopoulos et al.	424	19
<i>J</i>	AR	4,394,448	07/19/1993	Szoka, Jr. et al.	435	172
<i>J</i>	AS	5,459,127	10/17/1995	Felgner et al.	514	7
<i>J</i>	AT	5,580,859	12/03/96	Felgner, et al.	514	44
<i>J</i>	AU	5,589,466	12/31/96	Felgner, et al.	514	44
<i>J</i>	AV	5,593,972	01/14/1997	Weiner et al.	514	44
<i>J</i>	AW	5,614,503	03/25/1997	Chaudhary et al.	514	44
<i>J</i>	AX	5,622,712	04/22/97	Eppstein, et al.	424	450
<i>J</i>	AY	5,639,598	06/17/97	Weiner, et al.	435	5

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation
					YES NO
<i>J</i>	AZ	WO 90/11092	10/04/90	PCT	<i>Yes</i>
<i>J</i>	BA	WO 93/17706	09/16/93	PCT	<i>1</i>
<i>J</i>	BB	WO 94/16737	08/04/94	PCT	<i>1</i>
<i>J</i>	BC	WO 96/10038	04/04/96	PCT	<i>1</i>

EXAMINER <i>J</i>	DATE CONSIDERED <i>10/12/01</i>
-------------------	---------------------------------

Form PTO-1449 ModifiedDocket No.
UPAP-0350Serial No.
09/485,421

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

Applicant
Mahalingam et al.

U.S. Department of Commerce
Patent and Trademark Office

Filing Date
October 5, 2000Group
1634**U. S. PATENT DOCUMENTS**

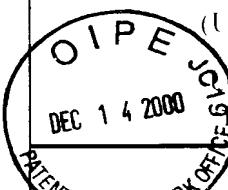
Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>JL</i>	BD	5,676,954	10/14/1997	Brigham	424	450
<i>JL</i>	BE	5,703,055	12/20/1997	Felgner et al.	514	44
<i>JL</i>	BF	5,707,618	01/13/1998	Armentano et al.	424	93.21
<i>JL</i>	BG	5,739,118	04/14/1998	Carrano et al.	514	44
<i>JL</i>	BH	5,756,283	05/26/1998	Wilson et al.	435	5
<i>JL</i>	BI	5,763,190	06/09/98	Weiner, et al.	435	7.1
<i>JL</i>	BJ	5,874,225	02/23/99	Weiner, et al.	435	7.1
<i>JL</i>	BK	08/167,608	12/15/93	Weiner		

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
<i>JL</i>	BL	WO 96/08970	03/28/96	PCT	<input checked="" type="checkbox"/>	
<i>JL</i>	BM	WO 94/19456	09/01/94	PCT	<input checked="" type="checkbox"/>	

EXAMINER *J. Jan L.* DATE CONSIDERED *10/12/01*

Form PTO-1449 Modified		Docket No. UPAP-0350	Serial No. 09/485,421
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Mahalingam et al.	
U.S. Department of Commerce Patent and Trademark Office		Filing Date October 5, 2000	Group 1634

**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>JK</i>	BN	5,780,220	07/14/98	Weiner, et al.	435	5
<i>JK</i>	BO	08/809,186	06/24/97	Weiner, et al.		

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES NO

EXAMINER	<i>E. James L.</i>	DATE CONSIDERED	<i>10/12/01</i>
----------	--------------------	-----------------	-----------------